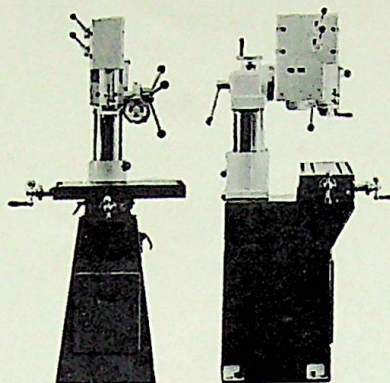


NEW UNIVERSAL VERTICAL MILLING, DRILLING & BORING MACHINE

multi-matic



The new Multi-Matic universal vertical milling, drilling and boring machine offers a wide range of operating capabilities. It is particularly suited for production, tool & die making, jig drilling and certain fine boring operations.

QUALITY FEATURES FOR FAST ACCURATE PERFORMANCE

- UNIVERSAL, GEARED MILLING HEAD
- 8 SPINDLE SPEEDS
- CAPACITY—1¼" IN STEEL
- PRECISION, SKF ROLLER & BALL BEARING SPINDLE
- HANDWHEEL AND HAND CROSS LEVER SPINDLE FEEDS
- PRECISION 23" x 9½" TABLE
- 1½ HP MOTOR

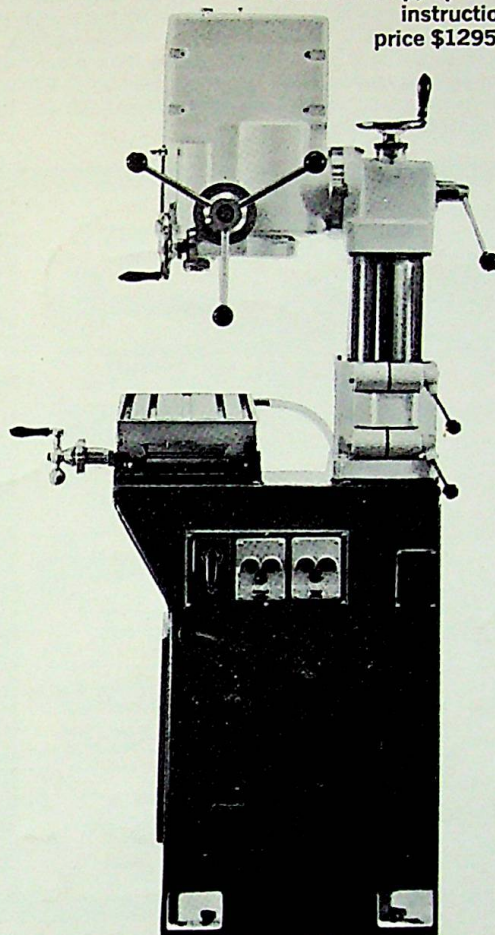
The Precision table is of well known make. Longitudinal and cross feed screws are precision ground, and equipped with graduated dials calibrated in .001". The table has an oil rim, guide groove, 2 T-slots on top and one in front.

SPECIFICATIONS—MODEL #300

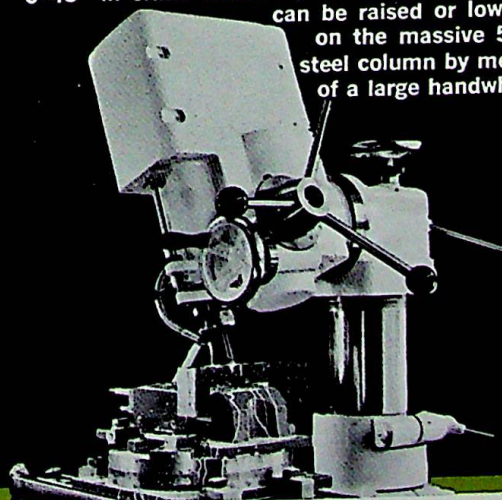
Capacity (in steel)	1¼"	Table Size	23 x 9½"
Spindle Taper	MT #3	Table Feed, Longitudinal	16⅜"
Spindle Feed Travel	4¾"	Table Feed, Cross	6¼"
Spindle Nose to Table	18¼"	Motor #301	220V, 1P, 60 Cycle, 1½ HP.
Drill to the Center of Circle.	19¾"	Motor #302	220V, 3P, 60 Cycle, 1½ HP.
Column Diameter	5½"	Total Maximum Height	74¼"
Machine Weight 825 lbs.			
Spindle Speed 105, 220, 400, 440, 800, 870, 1560, 3020			

Accessories include coolant pump system, collet holder with 5 collets.

Model No. 300
MULTI-MATIC MILLER
Complete with 2 speed motor
(#301 or #302, see specifications),
overload protection switch,
23" x 9½" table,
machine lamp, operating
instructions.
price \$1295.00



The Multi-Matic head features a 4-speed gear box, coupled with a 2-speed motor. This combination provides 8 spindle speeds. The head pivots 0-45° in either direction, locks at any angle. It can be raised or lowered on the massive 5½" steel column by means of a large handwheel.

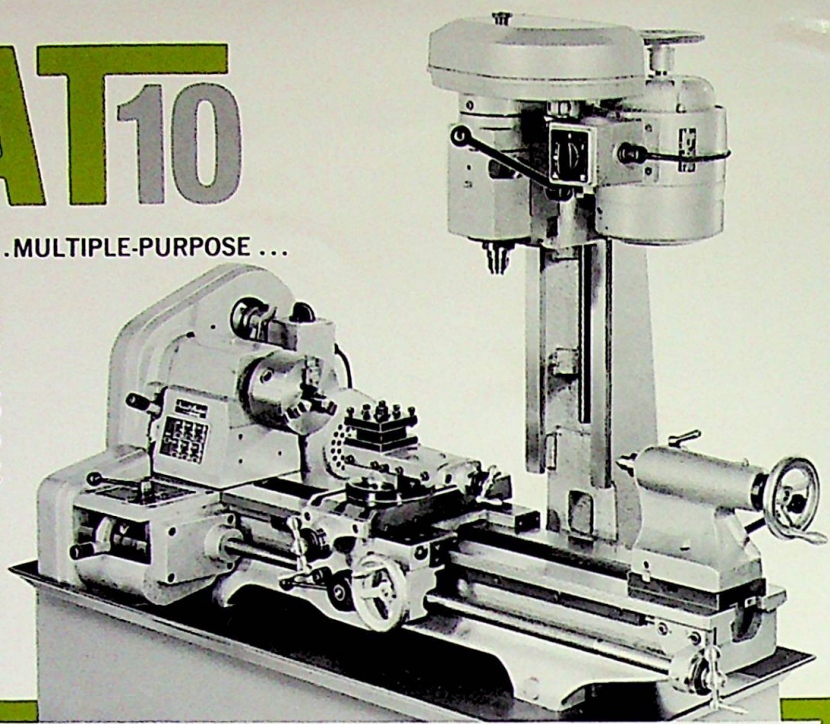


A PRODUCT OF AMERICAN EDELSTAAL, INC. / 350 BROADWAY, NEW YORK, N.Y. 10013

MAXIMAT10

LARGE MACHINING CAPACITIES..SUPER ACCURATE..MULTIPLE-PURPOSE...

The MAXIMAT 10 combination machine is a rugged, powerful unit, that gives top performance in all lathe and vertical milling/drilling operations. Designed for the special needs of R & D engineers and prototype builders. Built to extremely rigid tolerances, super accurate within .0002". Bonus features and convenient controls make it easy to use. Provides dozens of machining functions in 8 sq. feet. Costs less than most lathes in its class—yet outperforms them all. Thousands of R & D labs, instrument and model shops, etc. use MAXIMAT 10 for their immediate machining needs.



USEFUL MAXIMAT 10 ACCESSORIES



3-Jaw Universal Chuck, #1253.
Size: 5". Wt. 13 lbs.
4-Jaw Independent Chuck #1257.
Size: 6". Wt. 11 lbs.
Chuck Adaptors:
5" Adaptor #4125
(For Chuck #1253). Wt. 3 lbs.
6" Adaptor #4150
(For Chuck #1257). Wt. 5 lbs.



Milling Vise #3800.
Capacity: 3-1/8". Wt. 13 lbs.



Milling Head Collets #2421.
For #2420. Sizes: 1/16" thru 5/8" x 1/32".
Wt. 3 oz.



Lathe Handwheel Drawbar
Collet Attachment
#4120 Wt. 1-1/2 lbs.



Steel Lathe Collets #4122.
For #7135. Sizes: 3/32" thru 25/32" x 1/32".
Wt. 3 oz.



Milling Head Collet
Attachment #2420.
Wt. 2 lbs.



Drill Chuck Arbor #2510.
For Chuck #2500. Wt. 6 oz.



Drill Chuck #2500.
Capacity: 1/2". Wt. 2 lbs.



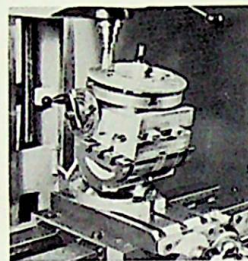
SPECIAL LATHE FEATURES

- Large Lathe spindle collet capacity: 3/4"
- Outboard-belt driven spindle
- SKF bearings
- Quick Change Gear Box
- 1 hp pre-wired motor
- Extra large carriage & cross slide
- No. 3 MT spindle



SPECIAL MILLING MACHINE FEATURES

- Massive vertical column
- High precision milling spindle
- SKF bearings
- Vertical leadscrew feed
- Rack & pinion drill press feed
- 1 hp motor
- 5" x 10" T-slot fixture table
- 144 power milling feeds



4 MODELS AVAILABLE

Model No.	Description
4100	DUAL SPINDLE MAXIMAT 10 —with Quick Change Gear Box Complete lathe & milling machine. Swing: 10" x 24" between centers. Lathe head spindle: No. 3 MT, with Motor* & reversing switch. Vertical Column #3210, Milling Head with No. 2 MT, with motor* and reversing switch. Quick Change Gear Box. Standard Basic Equipment 7" Face plate (#4130) with safety clamping ring (#4151); lathe dog; dog driver; No. 3 MT lathe center; No. 2 MT tailstock center; 4 "V" Belts; Grease Gun; Wrenches; Instructions \$1350.00
4000	DUAL SPINDLE MAXIMAT 10 — with manual change gears Same as Model 4100 above, except that in place of the quick change box, a quadrant and set of 12 change gears is provided for all threading operations. All Standard Basic Equipment is included, plus an extra belt to drive leadscrew. \$1210.00

Model No.	Description
4101	MAXIMAT 10 PRECISION LATHE — with Quick Change Gear Box Same as Model 4100, but WITHOUT Vertical Column, Milling Head, milling head Motor. These may be added at any time. See #3010, 3210, & motor selection 2900 — 2912. All standard equipment included. \$1035.00
4001	MAXIMAT 10 PRECISION LATHE — with Manual Change Gears Same as Model 4101 above, except that in place of the quick change box, a quadrant and set of 12 change gears is provided for all threading operations. All standard equipment included, plus extra belt to drive leadscrew. \$895.00 * Available Motors for All Machines * 2900 Motor, 3/4 hp, 220/440 V 3-phase, 1725 rpm 2901 Motor, 3/4 hp, 220/440 V 3-phase, 1120 rpm 2910 Motor, 1 hp, 115 V 1-phase, 1725 rpm 2912 Motor, 1 hp, 115 V 1-phase, 1120 rpm

* Price of Models 4100 & 4000 includes 2 motors. Price of Models 4101 & 4001 includes 1 motor. Specify motor(s) desired.

LATHE

Swing over bed: 10"
Distance between centers: 24"

Lathe spindle: nose thread: 1-1/2" x 8 tpi
taper: No. 3 MT
bore: 25/32"
collet capacity: 3/4"
bearings: SKF
speeds—1120 rpm motor: 80, 140, 250, 420, 720,
1250, 2000, 2250 rpm
1725 rpm motor: 125, 210, 370, 620, 1100,
1900, 3100, 3400 rpm

SPECIFICATIONS

VERTICAL UNIT

Spindle nose to table: 12"
Drill to center of circle: 11-13/16"
Milling spindle: nose thread: 1-1/8" x 12 tpi
taper: No. 2 MT
bore: 9/16"
collet capacity: 5/8"
bearings: SKF
speeds: same as lathe spindle above.

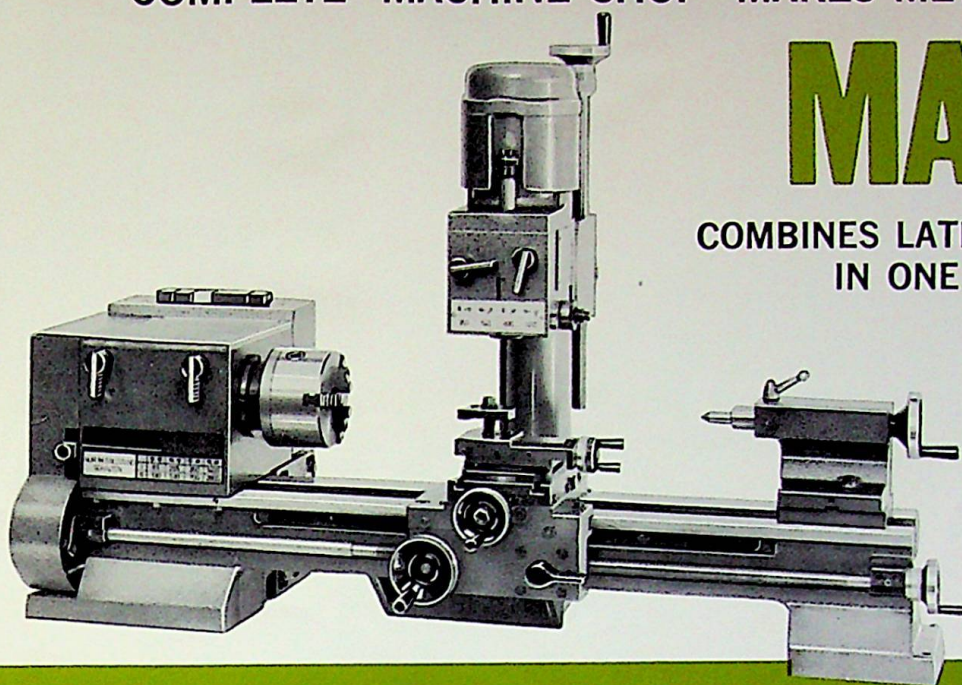
GENERAL

Threading range—model 4100 & 4101: 8–56 tpi
model 4000 & 4001: 5–128 tpi
Feeds (24)—model 4100 & 4101: .002" & .014" per rev.
(2)—model 4000 & 4001: .002" & .005" per rev.
Overall dimensions: 48" x 20" x 34" high
Weight: 460 lbs.

COMPLETE "MACHINE SHOP" MAKES METAL-MACHINING EASY!

MAXIMAT 7

COMBINES LATHE, MILLER AND DRILL PRESS
IN ONE PRECISE, COMPACT MACHINE



Performance Plus—that's what the extraordinary versatility of MAXIMAT 7 delivers! A beautifully designed combination of lathe, miller and universal drill press that lets you tackle any metal machining job in the shop! A great machine tool for prototype work, R & D, engineering labs, instrument and repair. You can make parts accurately and quickly, when you want them with the new MAXIMAT 7 at your command. Complete catalog upon request.

SPECIAL LATHE FEATURES

- Oil-filled headstock houses geared spindle.
- Instant speed selection. No belt changing.
- 8 Lathe spindle speeds. Range: 65-2800 rpm.
- Large collet capacity: 3/4".
- Built-in 2-speed 1/2 hp motor.
- Accuracy within two-tenths of an inch!
- Two carriage feeds.
- Micrometer collar & crank on leadscrew.
- Engraved collars on all feeds.
- Quiet, smooth—easy to operate.

SPECIAL MILLING MACHINE FEATURES

- Massive column rotates thru 360°
- Universal geared milling head swings thru 360°
- Instant speed selection. No belt changing.
- 4 milling spindle speeds. Range 420-1740 rpm.
- Built-in 1/4 hp motor.
- 16 power milling feeds.
- Built-in rack & pinion quill feed.
- Vertical leadscrew feed with micrometer collar. Grads. .0005".

SPECIFICATIONS

LATHE

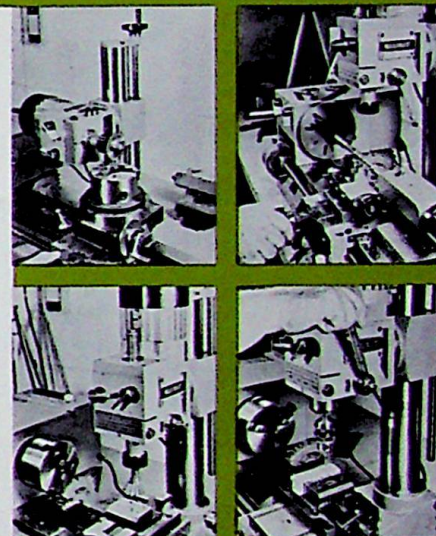
Swing over bed: 7"
Distance between centers. Models 7218 & 7018: 18"
Models 7224 & 7024: 24"
Lathe spindle: nose thread: 1-1/2" x 8 tpi
taper: No. 3 MT
bore: 25/32"
collet capacity: 3/4"
bearings: SKF
speeds: 65, 130, 265, 350, 530, 700, 1400, 2800 rpm

VERTICAL UNIT

Spindle nose to table: 10"
Drill to center of circle: 11-3/8"
Milling spindle: taper: No. 2 MT
collet capacity: 5/8"
bearings: SKF
speeds: 420, 770, 940, 1740 rpm

GENERAL

Threading range: 8 to 80 tpi
Feeds (2): .002" and .005" per rev.
Overall dimensions: 36" x 16" x 27-1/2" high
Weight: 265 lbs.



4 MODELS AVAILABLE





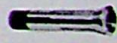


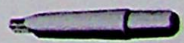

MODEL NO.	DESCRIPTION	PRICE
7218	DUAL SPINDLE MAXIMAT 7—with 18" Between Centers Complete lathe & milling machine. Swing 7" x 18" between centers. Lathe head spindle: No. 3 MT, with built-in motor. ^a Vertical Column & Milling Head Attachment # 7200, milling head spindle: No. 2 MT, with built-in motor. ^a Pre-wired motor control console with reversing switch.	
	Standard Basic Equipment Set of 9 change gears; 6" face plate (#4129)—with safety clamping ring (#4151); lathe dog; dog driver; No. 3 MT lathe center; No. 2 MT tailstock center; Tool clamp; instructions	\$650.00
7224	DUAL SPINDLE MAXIMAT 7—with 24" Between Centers Same as above, except longer bed provides 24" between centers.	\$695.00
7018	MAXIMAT 7 PRECISION LATHE—with 18" Between Centers Same as Model 7218, but WITHOUT Vertical Column & Milling Head Attachment # 7200. (This attachment can be added at any time. All Standard Basic Equipment is included.	\$495.00
7024	MAXIMAT 7 PRECISION LATHE—with 24" Between Centers Same as Model 7018 above, except longer bed provides 24" between centers.	\$540.00

*Available Motors For All Machines

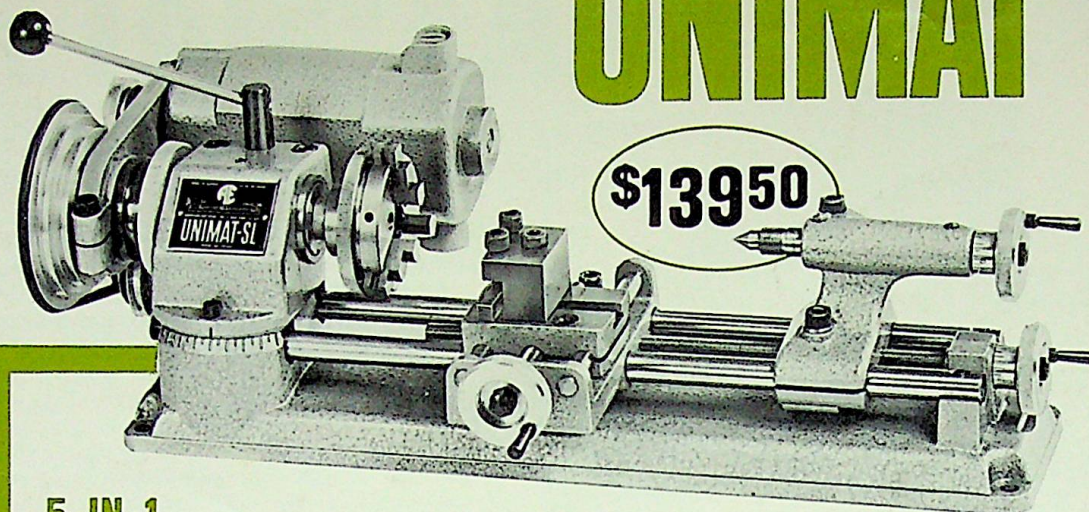
7001	Lathe Head Motor	1/2 hp.	115VAC	1-phase
7203	Milling Head Motor	1/4 hp.	115VAC	1-phase
7003	Lathe Head Motor	1/2 hp.	220/440	3-phase
7203	Milling Head Motor	1/4 hp.	220/440	3-phase

^a Price of Models 7218 and 7224 includes 2 motors. Price of Models 7018, 7024 and attachment 7200, includes 1 motor.

USEFUL MAXIMAT 7 ACCESSORIES

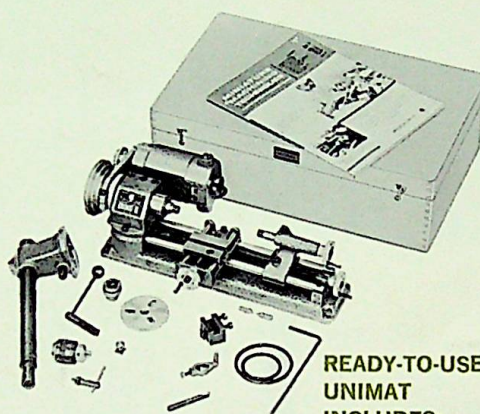
 3-Jaw Universal Chuck, #2303. Size 4-1/2". Wt. 10 lbs.  4-Jaw Independent Chuck, #7125. Size: 5". Wt. 8 lbs. Chuck Adaptors: 4-1/2" Adaptor, #7101. (For chuck #2303). Wt. 2 lbs. 5" Adaptor, #7126. (For chuck #7125). Wt. 3 lbs.	 Lathe Handwheel Drawbar Collet Attachment #7135. Wt. 1-1/2 lbs.
 Milling Vise, #7460. Capacity: 2-3/8". Wt. 7 lbs.	 Steel Lathe Collets #7136. For #7135. Sizes: 3/32" thru 3/4" x 1/32". Wt. 3 oz.
 Milling Head Collets #2421. For #7210. Sizes: 1/16" thru 5/8" x 1/32". Wt. 3 oz.	 Milling Head Collet Attachment #7210. Wt. 2 lbs.
	 Drill Chuck Arbor, #7309. For chuck #7308. Wt. 11 oz.
	 Drill Chuck, #7308. Capacity: 5/16". Wt. 11 oz.

MACHINE SMALL PARTS WITH UNIMAT



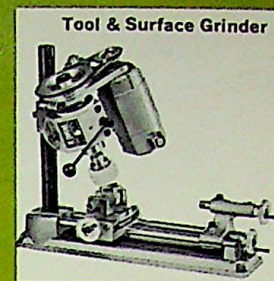
5-IN-1 PRECISION MACHINE SHOP

UNIMAT is a lathe, vertical miller, drill press, surface grinder and polisher—all in one, precision made, compact machine. Ideal for prototype work in laboratories, model shops, instrument and repair shops. UNIMAT is completely portable. Changes from one operation to another in seconds. Headstock rotates 360°, revolves 360°, removes from bed for vertical set-ups. Has ball bearing spindle accurate to .0005". Ball bearing idler assembly provides 11-speed drive system powered by self-contained 1/10 hp 115 V motor. Lathe swing 3", between centers 6.9". Drill press capacity: 6 1/4" high, drill to center of 6 1/4" circle. Easy to use. 40 page illustrated handbook tells how. Over-all dim. 14 1/2" x 5" x 5". Shpg. wt. 33 lbs.

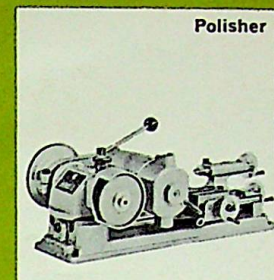


READY-TO-USE
UNIMAT
INCLUDES:

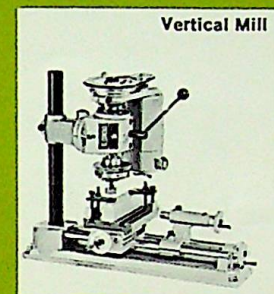
Steel Vertical Column, motor, drill chuck, face plate, centers, lathe dog, belts, allen wrench, grinding wheel arbor, tool bit—all packed in wood chest.



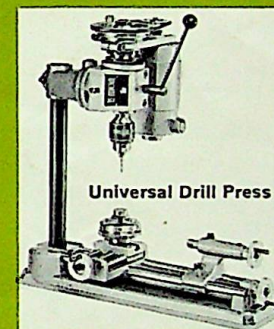
Tool & Surface Grinder



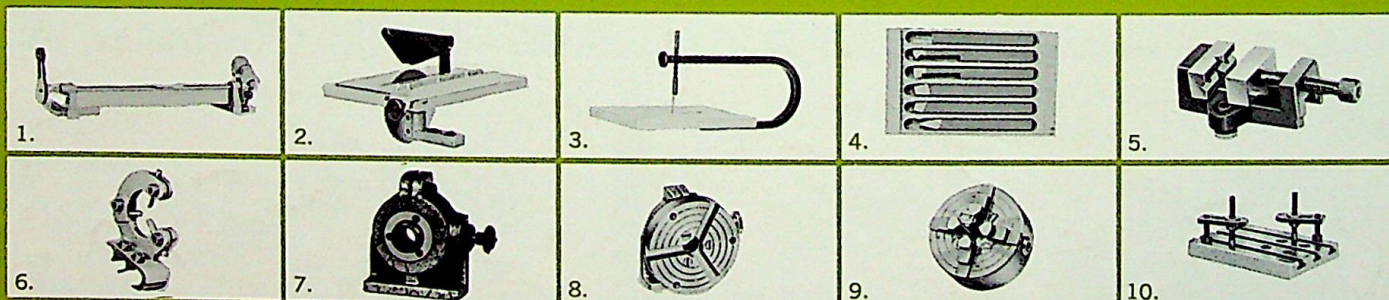
Polisher



Vertical Mill



Universal Drill Press



POPULAR UNIMAT ACCESSORIES

- | | | | |
|---|---------|---|---------|
| 1. 1290 POWER CARRIAGE FEED: drive gives fine finishes. Wt. 6 lbs. | \$19.95 | 6. 1040 STEADY REST: Supports 1 1/2" bars, tubing, for machining, end drilling. Wt. 1 lb. | \$ 9.95 |
| 2. 1240 CIRCULAR SAW: Table 6x8", rip fence, blade guard, arbor. Blades to 3 1/2" cut metal, wood, plastic. Wt. 4 lbs. | \$14.95 | 7. 1260 INDEX HEAD: Divides, spaces work accurately for making gears, etc. Wt. 1 lb. | \$14.95 |
| 3. 1080 JIG SAW: Table 6x8", with 12 ass't blades for metal, wood, plastic. 6 lbs. | \$19.90 | 8. 1261 WORK PLATE: 2 3/4" with clamp set, for holding work in lathe, or index head. Wt. 1 lb. | \$ 6.50 |
| 4. 2820 SIX LATHE TOOLS: 1/4", turn, face, bore, cut-off. Wt. 8 oz. | \$10.90 | 9. 1001 3-JAW UNIVERSAL CHUCK: 2 1/4". Wt. 1 lb. | \$24.95 |
| 5. 1010 VISE: fits cross slide, milling table. Cap. 1 1/8". Wt. 13 oz. | \$ 9.50 | 1002 4-JAW INDEPENDENT CHUCK: 2 1/4". Wt. 1 lb. | \$23.90 |
| | | 10. 1210 MILLING TABLE: 3x5". Clamps work for milling, drilling, grinding. Wt. 2 lbs. | \$12.50 |